USER MANUAL

// LEADING EDGE INFLATABLE KITES

PETER LYNN KITEBOARDING

ONE BRAND
ALL DISCIPLINES

PETERLYNN.COM

WELCOME

Thank you for buying this Peter Lynn product, and welcome to the World of Peter Lynn, a world of wind driven excitement, where people passionately pursue their dreams whether that's freeriding at a local beach or enjoying the virgin snow on a back country adventure. Peter Lynn is there to help them pursue their dreams, Peter Lynn is here to help you pursue your dream, making you achieve your ultimate challenge. Are you ready?

Peter Lynn has been there taking challenges from the early days of the sport. Challenges to develop breakthrough ideas, make better products, improve performance and quality in all aspects of those products. We have the right kites for all kite disciplines, for any terrain and for all conditions. All this is realized by a passionate crew of kite sports enthusiasts and we invite you to join us. It's that passion that makes us fly.

Before any attempt to use this product, please ensure you pay full and careful attention to the contents of this manual. While traction kiting is an exciting and fun sport, it can be highly dangerous, especially if not all the necessary safety precautions are taken. So please make sure you learn this great sport in a safe way. Only then will you progress quickly and enjoy this beautiful sport to the max.

Enjoy!

SAFETY INSTRUCTIONS

CAUTION: Kite powered sports can be very dangerous and physically demanding. The user of this product should understand that participating in kite powered sports may involve serious injury or death and agrees to observe the safety precautions listed below.

Safe location and weather conditions:

- Stay away from power lines, roads, airfields, railway lines, trees and buildings.
- Never launch your kite in crowded areas. Do not fly your kite over bystanders.
- Make sure there is a 'clear' downwind area at least three times the distance of your flying line length.
- Never fly kites or use this product in thunderstorms, lightning or gusty/stormy winds.
- Never fly a kite or use this product with wind forces so strong that you are unable to maintain full control of your kite and its power at all times.
- Do not fly a kite or use this product when wind conditions are likely to change dramatically.
- Stop kiting immediately when a storm or lightning is approaching.
- Make sure you are familiar with the location and local customs and laws before attempting any kind of kite sports.

Safe traction kiting:

- A traction kite is not a toy and should not be flown by inexperienced persons and certainly not by children.
- Learn to fly kites by starting in light winds with a small sized kite.
- Never use any type of kite or this product for paragliding, parachuting or base jumping.
- Never use any type of kite or this product for jumping off high places like hills or cliffs
- Never use any type of kite or this product for any manlifting activity.
- Always use fully protective gear when kiteboarding, landboarding, snowkiting or buggy riding.

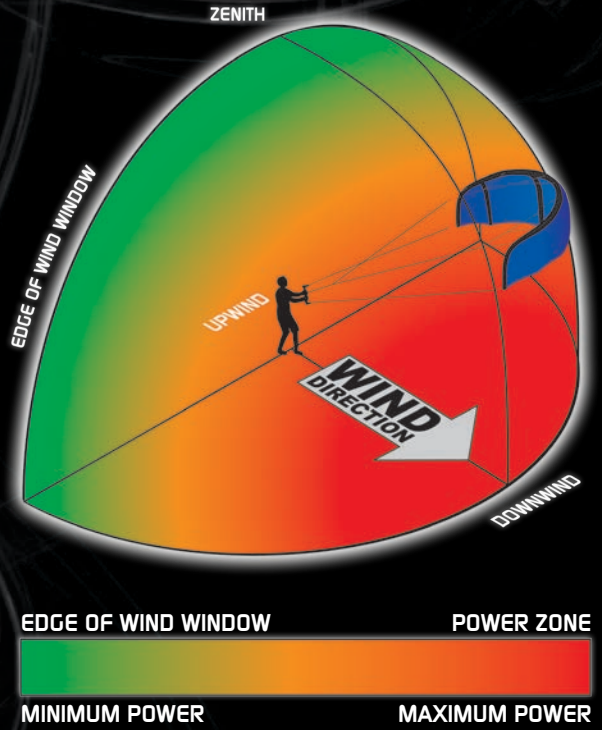
Safe kiteboarding:

- Do not go kiteboarding in offshore winds.
- Be careful when kiting in onshore winds.
- We strongly recommend the use of helmet and life jacket/impact vest. A safety knife to cut flying lines in case of emergency is recommended.
- Do not kiteboard in spots already in use by swimmers or surfers.
- Beware of strong currents and sharks.
- Stay safely away from other watercrafts and shipping lanes.
- Never go further out to sea than you can safely swim back.
- Always make sure there is a capable person on shore that is keeping watch and is ready to provide (or call for) help in case of an emergency.
- We strongly recommend taking lessons from a certified kiteboarding school before using this kite on your own.

Safety issues when using this product:

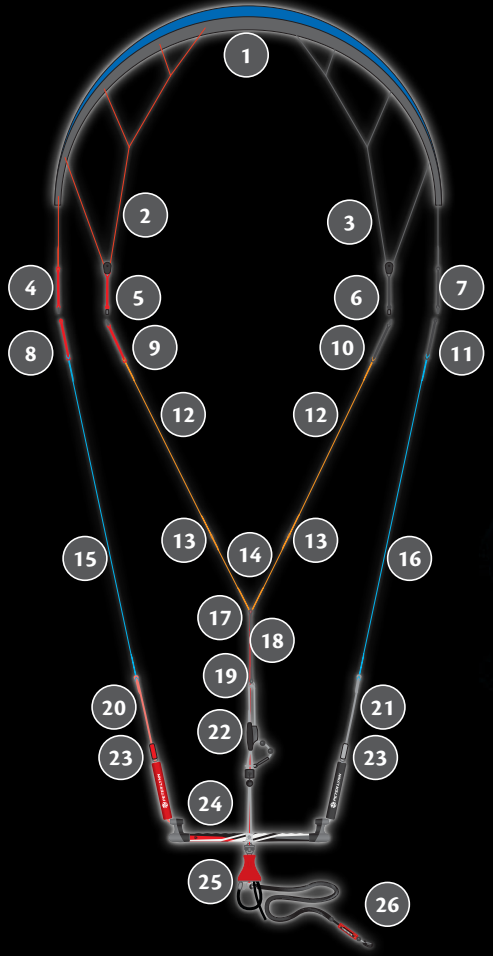
- This kite has been manufactured with high quality materials and has been manufactured using the latest and most advanced production methods.
- Prior to every use of this product, fully check your equipment for any signs of wear and tear. Replace parts immediately where needed.
- Prior to every use of this product, check if your safety releases are still working properly and you are aware how to use it. In case the safety release does not work as it should, do not use this product and replace parts where needed.
- Only use this product for kiteboarding, buggy riding, landboarding and snowkiting.
- Do not use this product when your body weight is over 130kg (285lbs).
- Only use this product when you are in a good state of health. Never use this product when under the influence of alcohol, drugs or medication.
- Do not alter, modify or change this product. Repairs should be done by a professional kite repair shop, sail repair shop, or by the Peter Lynn company.

THE WIND WINDOW

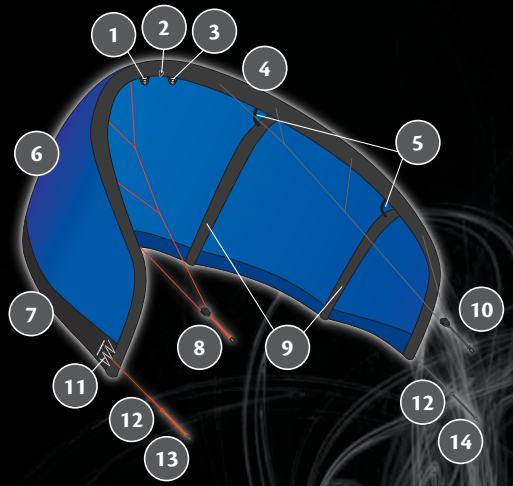


Before flying your kite it is very important to understand the 'wind window'. The image shows where the kite will create the most power (straight downwind, also known as the 'power zone') and where the kite will create the least power (edge of the window and zenith).

TERMINOLOGY



1. Kite's leading edge
2. Left bridle
3. Right bridle
4. Left rear line attachment point
5. Left top line attachment point
6. Right top line attachment point
7. Right rear line attachment point
8. Left rear flying line attachment point
9. Left top flying line attachment point
10. Right top flying line attachment point
11. Right rear flying line attachment point
12. Upper segment of top flying line
13. Attachment point connecting top line segments
14. Lower segment of top flying line
15. Left rear flying line
16. Right rear flying line
17. Top line connection point
18. Center top line
19. Safety line
20. Left leader line
21. Right leader line
22. Power adjuster
23. Self-landing handle / Kite flag-out handle
24. Control bar with colour coded EVA foam
25. Centrix push-away depower loop with primary quick release
26. Safety leash with secondary quick release



1. Inflate valve
2. Pump leash attachment
3. Deflate valve
4. Leading edge
5. Single inflation air duct
6. Canopy
7. Trailing edge
8. Left top line attachment point with pulley
9. Struts
10. Right top line attachment point with pulley
11. Bar pressure adjustment
12. Top/rear line adjustment
13. Left rear line attachment point
14. Right rear line attachment point

STARTING OFF

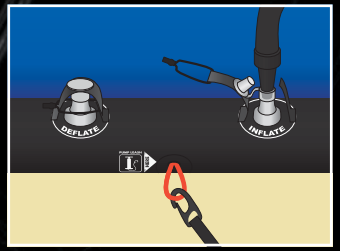
To start flying your kite you need to follow these five steps:

Step 1. Finding the right location to launch your kite
Step 2. Pumping up your kite
Step 3. Setting up your bar and lines
Step 4. Checking your safety system
Step 5. Launching your kite

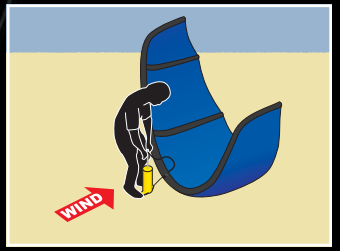
STEP 1. FINDING THE RIGHT LOCATION TO LAUNCH YOUR KITE

Find a spot to setup, away from airports, powerlines, trees and buildings. When launching, the area should be free of kiteflyers or other people. Also make sure there are no sharp objects on the ground, to prevent any damage to your kite.

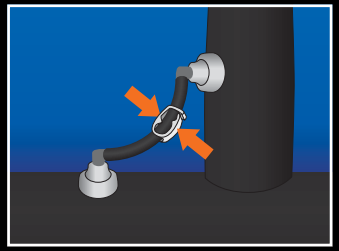
STEP 2. PUMPING UP YOUR KITE



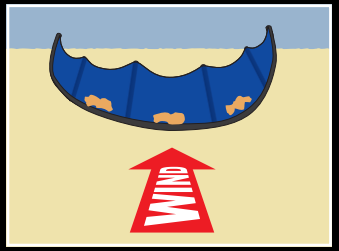
Place your kite on the ground with its leading edge into the wind, the bottom of the kite facing upwards. Attach the pump leash to the kite's pump leash attachment.
Make sure the deflate valve is closed and secured with the Velcro tag and bungee chord. Attach the pump hose to the inflate valve.



Make sure the clips on the air ducts leading to the struts are all open. Start pumping until the leading edge feels firm. If you prefer to use a pressure gauge, pump until it reaches about 6 psi.

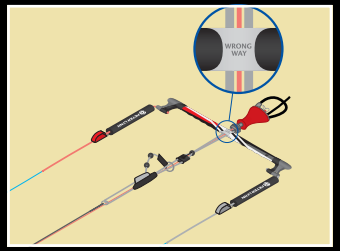


Detach the pump and close the inflate valve.
Close the clips on the air ducts. This will prevent the whole kite from losing pressure in case of a puncture.

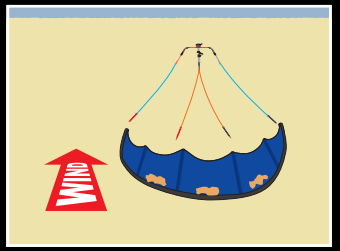


Place the kite on the ground with the top of the kite facing up, leading edge into the wind. Weigh down the canopy with some sand or a board with fins facing up.

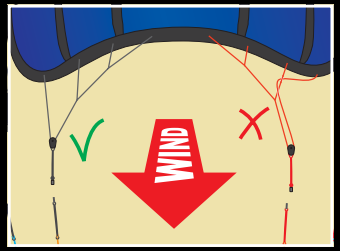
STEP 3. SETTING UP YOUR BAR AND LINES



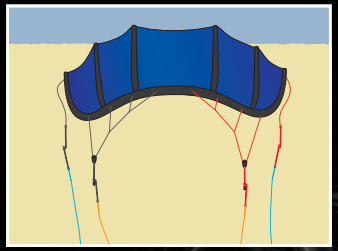
Starting downwind of the kite, unwind your flying lines while walking downwind. Place your bar on the ground the wrong way around. Make sure your leader lines and other parts of the bar are free of tangles or twists.



Hold your lines between your fingers while walking back toward the kite, to sort out the flying lines. Place all lines on the ground.

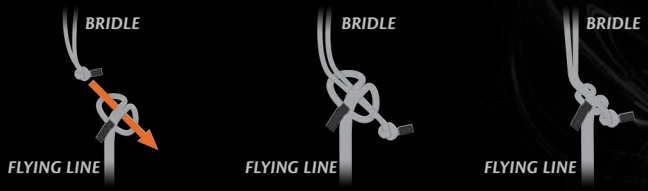


Check that your bridles are free of tangles and twists. Make sure the pulleys are free of sand.



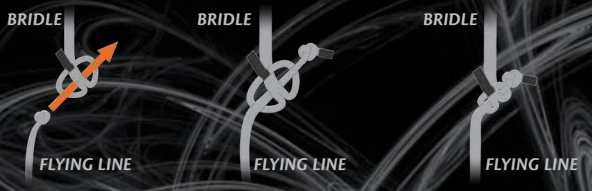
Attach the flying lines one by one, using larkshead knots.

Attaching the top lines to the kite



Make sure you attach your flying lines using a larkshead knot. Place a larkshead knot in the flying line connector, slide it over the middle knot on the top line attachment on the bridle and tighten the larkshead as shown.

Attaching the rear lines to the kite



Connect the flying line connector to the rear line attachment and tighten the larkshead as shown.

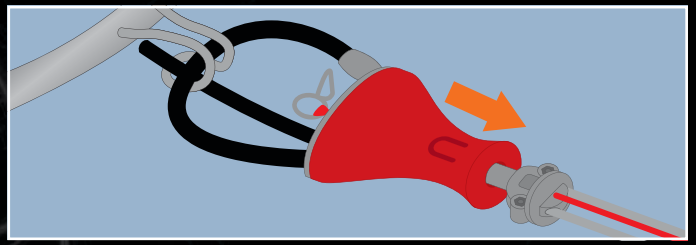
STEP 4. CHECKING YOUR SAFETY SYSTEMS

Before using this kite, please check the manual supplied with your bar on how to activate your safety systems and re-attach the release systems used.
We recommend to test the safety system when using the kite for the first time so you are aware how the system works, how to activate it and how to re-attach it after activating.

Never be afraid to use it because it can save your life!
We recommend to check if your quick releases are in working order before every launch!

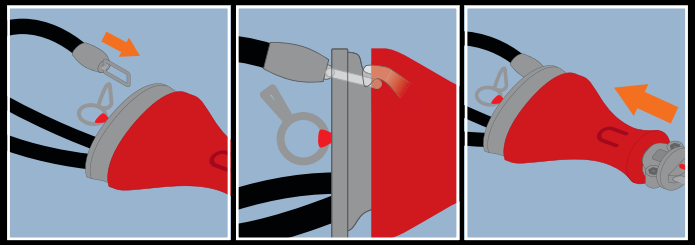
The safety system works in two steps:
Primary safety - If you need to lose the power of the kite without losing the kite itself the primary safety release can be used. The kite loses its power but is still connected to the rider by the safety leash.
Secondary safety release - When the kite is still pulling after using your primary quick release, use the secondary release on the leash.

Activating the primary quick release



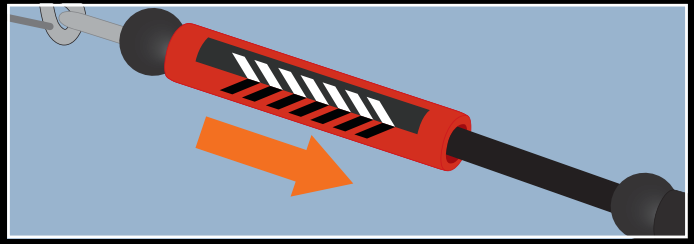
To activate your primary quick release, push the red release cuff part towards the kite.

Re-connecting the primary safety release



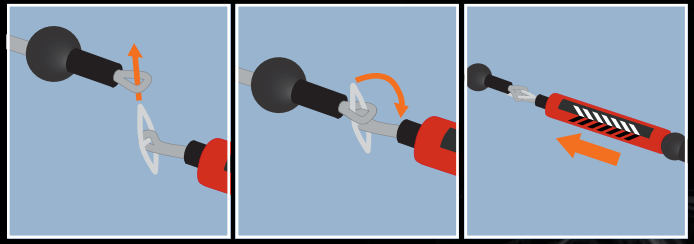
Re-connect the primary safety release by placing stainless steel ring on the end of the depower loop tube into the Centrix push-away center piece until it locks in behind the hook inside the center piece. Now slide the release cuff towards the spreader bar.
Always make sure all parts are free of sand and snow before re-connecting your safety system.

Activating the secondary quick release



To activate your secondary quick release, move the red release in the direction of the arrows.

Re-connecting the secondary quick release



Re-connect the secondary safety release by placing the loop over the stainless steel pin, folding the pin down an sliding the relaese cuff back in place. Make sure the release cuff is sitting right against the ball after reconnecting.

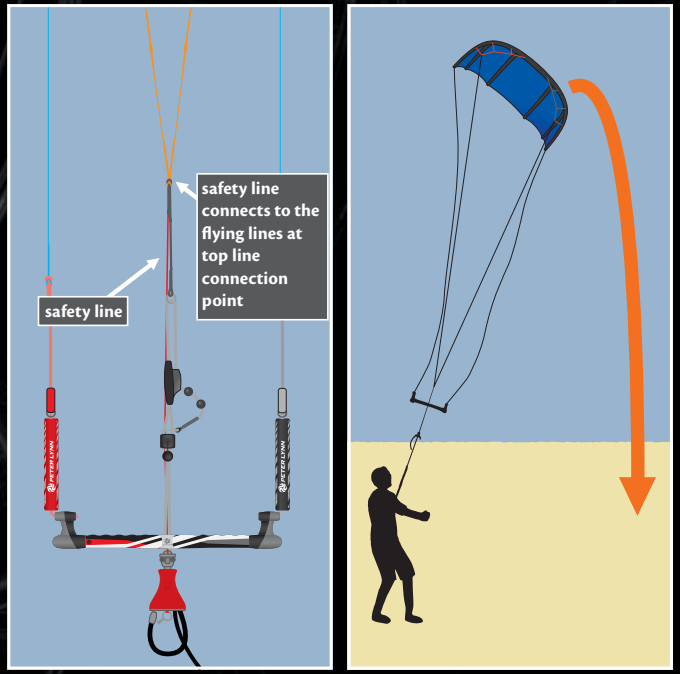
WARNING!

- The secondary safety system does not function if the primary safety on the depower loop is not pulled first.
- The secondary safety should only be pulled in case the primary safety was somehow not sufficient to completely depower the kite. Pull this safety only if there is no other way, as it will completely disconnect you from your kite. A loose kite might result in dangerous situations for bystanders or other kite flyers and may also result in permanent loss of the kite.
- When your kite is on the water, always be very careful with flying lines which are not tensioned. Make sure they do not get tangled behind any part of your body, harness or board.
- After using your safety system, putting tension on any of the other lines can cause your kite to take off and start to pull.

OPTIONS FOR SAFETY SYSTEMS

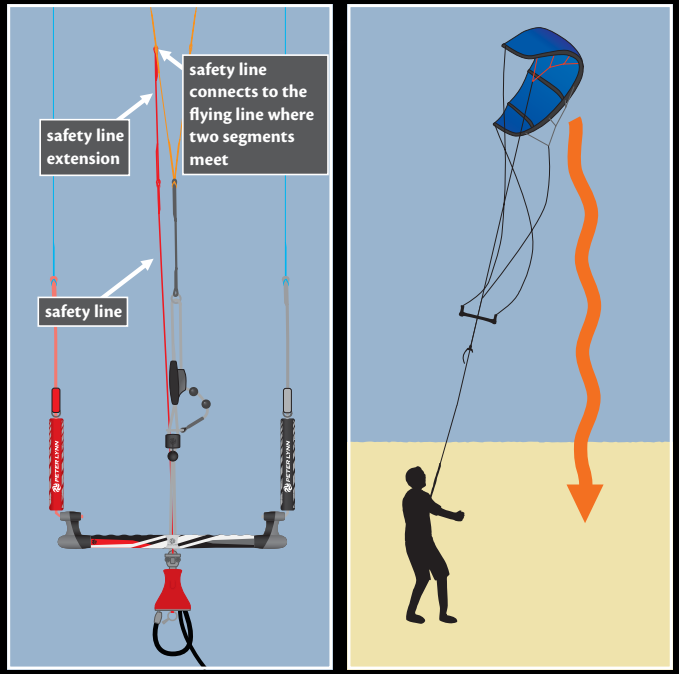
The Navigator SL features two options for your safety system:

Standard - Safety line attached to both top lines



- Kite will lose most of its power.
- Kite will drop from the sky towards the edge of the wind window.
- Kite will have little power when lying on the water.
- Very fast and easy recovery, bar does not slide very far from rider.

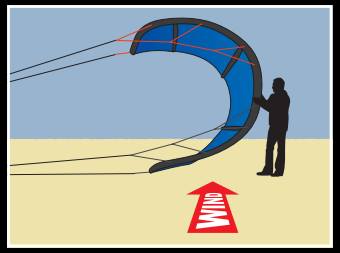
Extra safety - Safety line attached to single top line



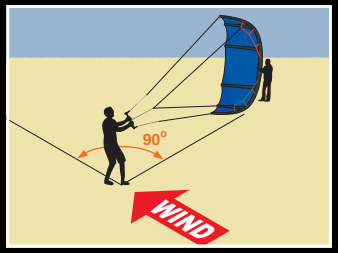
- Kite will lose all of its power.
- Kite will drop from the sky and will lay on its back.
- Kite will have very little power when lying on the water.
- Slightly more difficult recovery, bar slides further away from rider.

The safety line extension is supplied with your Navigator SL.
For detailed instructions how to install this line, please check the manual supplied with your bar.

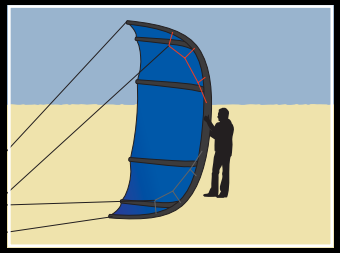
STEP 5 - LAUNCHING YOUR KITE



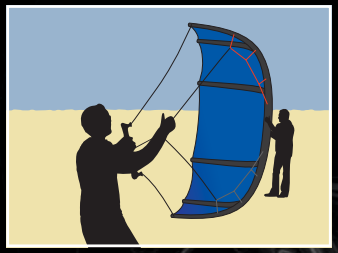
Launching is best done using an assistant. The assistant should grab the leading edge of the kite near the center, and lift the kite up with one tip on the ground and the leading edge into the wind, as if the rider flew the kite to the edge of the wind window.



Grab the bar and attach the safety leash.
Walk towards the position where your lines are at 90 degrees to the wind direction.
Find the right position with slight tension on your lines, where the fabric of the kite does not flutter and the kite can't fly further towards the edge of the wind window.



Your assistant can now check that the bridle is not hooked behind itself or any part of the kite.



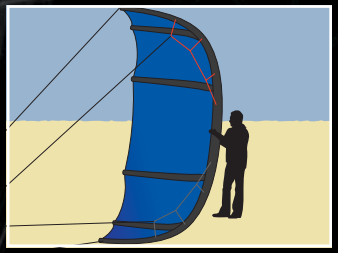
Check your flying lines to make sure they are not twisted or tangled. Check that the flying lines or any parts of the bar are not hooked behind each other. Check that you are holding your bar the right way around. Check that your power adjuster is set correctly.
When you are ready to launch, signal to your assistant. Your assistant may now let go of the kite. Slowly steer the kite up along the edge of the wind window.

TIPS FOR LAUNCHING YOUR KITE

- Make sure you are not launching in an area with obstacles like poles or cars, make sure the area is free of people or other kiteflyers. Do not fly your kite near powerlines, airports, highways, or in thunderstorms.
- Make sure your equipment is in good working order. Check for wear and tear and make sure your bar and safety system are in good working order before you launch.
- Make sure the ground is free of sharp objects to prevent the fabric from getting damaged.
- Only launch while hooked into a harness when you have an advanced skill level and you are confident with the wind conditions.
- When in doubt of the wind strength, try a smaller kite first.
- Check your flying lines properly. Before attempting your launch, make sure they are free of twists and tangles. Also check if they are not hooked behind any part of your bar or spreader bar before you launch.

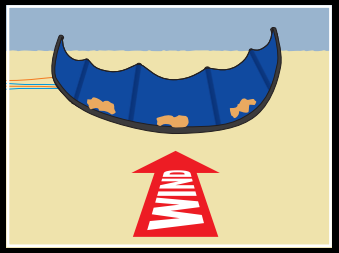
LANDING YOUR KITE

Landing your kite is best done using an assistant. Steer the kite to the edge of the wind window, just above the ground.



The assistant now takes a firm hold of the leading edge, as close to the middle of the kite as possible.

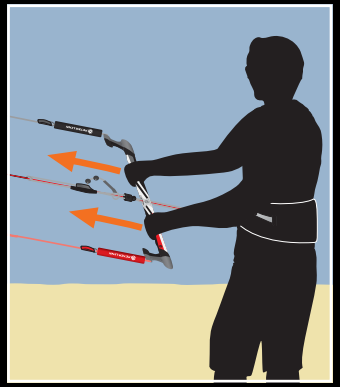
Walk towards the assistant to release the tension on the flying lines.



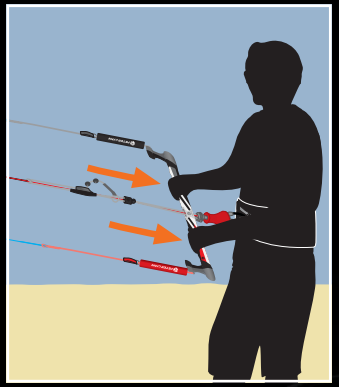
Place the kite on the ground with its nose facing the wind, and weigh down the canopy above the leading edge.

STEERING AND POWERING

The power of your kite can easily be controlled with the bar. When the depower loop is hooked in, the bar can slide over the depower line, which changes the angle of attack causing the kite to produce more or less power.

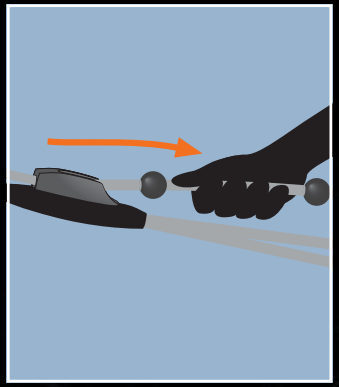


When pushing the bar away, the power of the kite will be reduced.

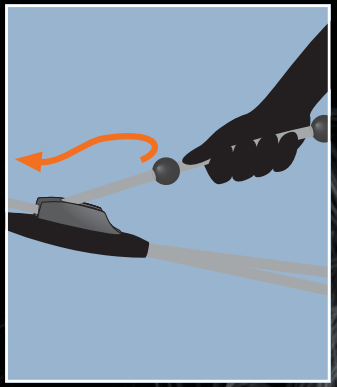


When pulling in the bar, the kite will produce more power. When pulling in the bar while steering, the kite will make tighter turns.

The power adjuster can be used to change the overall power of the kite.



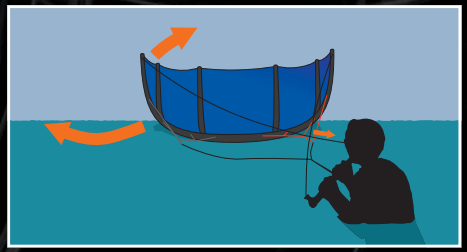
To reduce the overall power of the kite, pull in the line coming out of the cleat to the desired position.



To increase the overall power of the kite, pull the line slightly towards you and move it away from the cleat. Now let the line out and let it lock back into the cleat at the desired position.

For more information, more instructions and extra tips please refer to the manual supplied with your bar.
We strongly recommend to use a Peter Lynn bar designed to be used with your Peter Lynn LEI kite.

RELAUNCHING YOUR KITE - LEADING EDGE DOWN



When your kite crashes on the water leading edge down pull on one rear line.

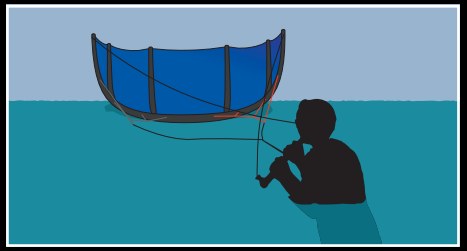
The kite will turn around and move towards the edge of the wind window.

Steer the kite off the water and sheet out the bar.

RELAUNCHING YOUR KITE - LEADING EDGE TOWARDS RIDER

Occasionally the kite might lay flat on the water with its leading edge towards you.

Pull on one rear line. The kite will slowly turn around and one tip will start to catch the wind.



Now steer the kite off the water using the instruction above.

- Sometimes, after leaving the water, the kite may not directly fly up. In this case you can grab the power adjuster and jerk on both top lines.
- Never wind leader lines or flying lines around your hands or body.
- When your kite is on the water, always be very careful with flying lines which are not tensioned. Make sure they do not get tangled behind any part of your body, harness or board.
- After letting go of the bar when your kite is on the water, the bar may spin around making the "wrong way" face you. When relaunching make sure you are holding the bar the right way around.
- Large waves can damage your kite when they crash into the canopy. Pay attention when riding in large waves.

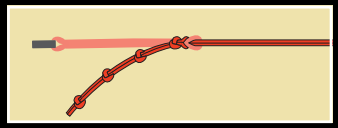
TUNING YOUR KITE

Top/rear line adjustments

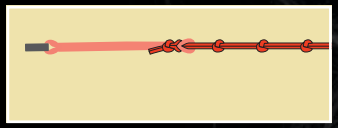
You may find your lines not set right for your personal way of flying your kite. These are some guidelines that might help you set your lines correctly:

If the kite steers very slow, with very little response on your bar, but flies fast, your top lines are too short / rear lines are too loose.

If the kite steers very direct but does not accelerate in flight, leaving you with minimum pull, your top lines are too long / rear lines are too tight.



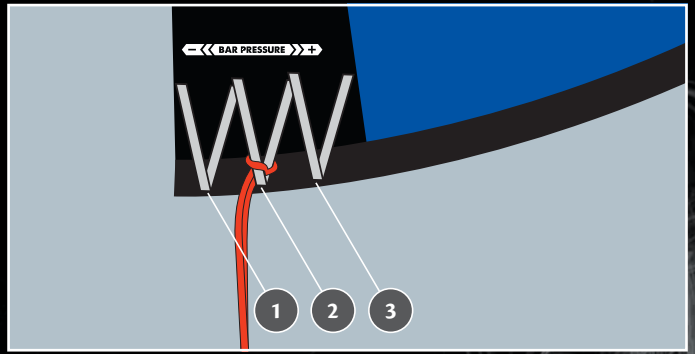
To shorten the rear lines attach the flying line attachment loop to the bridle line just behind the adjustment knot closest to the kite.



To make the rear lines longer attach the flying line attachment loop to the bridle line just behind the adjustment knot furthest away from the kite.

Bar pressure

The rear line can be attached to 3 different positions to set the bar pressure.



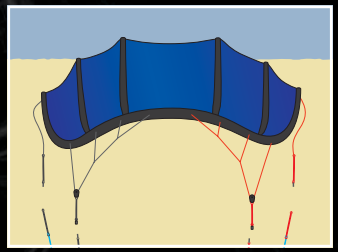
1. Minimum bar pressure
2. Medium bar pressure
3. Maximum bar pressure

Undo the bridle line from the webbing loops on the kite and re-attach the line to the correct webbing loop.

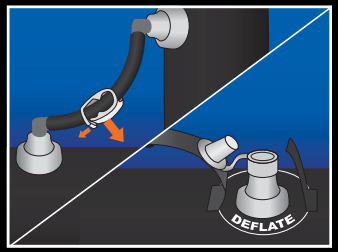
SELF RESCUE

In case you need to perform a self rescue use the self-landing handles on the bar to completely flag out the kite.
Swim towards the kite along the flying line attached to your leash. When you have reached the kite, grab your bar and wind the flying lines onto it if desired. Take great caution with loose lines, they can easily get caught behind parts of your body. Grab both tips of the kite and point the kite towards the shore, leading edge in the direction of the wind. This will help you to get back to shore safely.

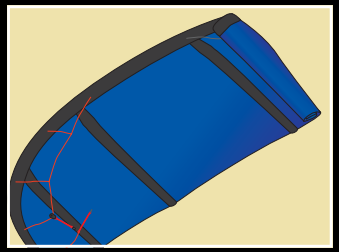
PACKING UP YOUR KITE



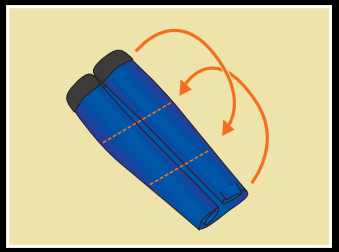
Undo the larkshead knots to undo the flying lines from the kite.
Wind your flying lines onto the bar.



Undo the clips on the air ducts.
Open the deflate valve.



Fold your kite from tips to center, pushing the air from the struts and leading edge towards the deflate valve.



Now fold your kite in 3 or 4 sections and store it in the supplied kite bag.

CARE AND MAINTENANCE

Peter Lynn products are designed to be strong and durable. The extreme nature of the kite sport puts a high strain on the equipment involved. By taking good care of your equipment, you can minimize the wear on your equipment.

Kite care:

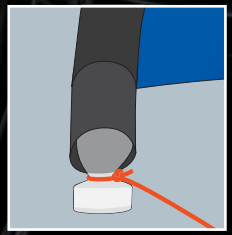
- **Inspect your equipment before launch. Check for tears, abrasions, undone stitching, and all other forms of damage.**
- **Test all moving parts of your equipment such as pulleys before every launch.**
- **Do not rig on rough terrain. Stay far away from sharp items that could damage your kite, such as seashells, trees, washed up wood or fences.**
- **Secure your kite using soft items like sand or sand bags. Do not use items with sharp edges like rocks.**
- **Do not unnecessarily leave a kite unused for a longer period of time to prevent UV damage. Weigh down fluttering parts to reduce wear.**
- **Before connecting your pump to the inflate valve, pump it a few times to remove any sand from the hose.**
- **Always make sure your kite is dry before packing and free of sand or sharp items.**
- **Regularly rinse your kite when used in salt water.**
- **When storing for a long time, it is advised to leave part of the bag open, to allow fresh air to get in the bag, and any remaining traces of moist to dry up.**

Bar care:

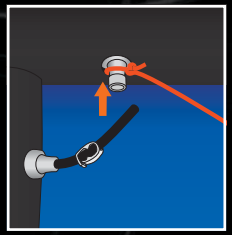
- **Make sure you regularly check your bar for wear and tear. Replace parts when needed.**
- **Make sure your flying lines are free of knots.**
- **Before launching, always check that your quick releases are in working order and free of sand or other debris.**
- **When reaching the water, before starting your kiteboarding session, splash some water on your bar to rinse off sand that has stuck to it.**
- **After every session, rinse your bar with tap water to remove the salt from the bar.**

If there are problems with your kite or your bar, please contact your Peter Lynn dealer.

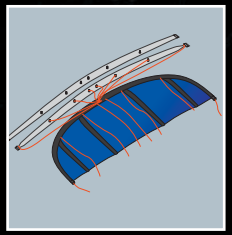
REPLACING YOUR LEADING EDGE BLADDER



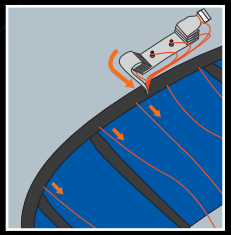
Undo the ends of the leading edge tube by pulling out the ends. Attach a piece of line to each end of the bladder.



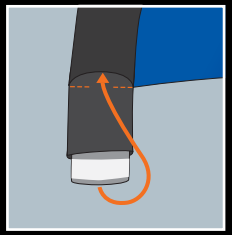
Slide the covers off the valves and carefully cut the tie-wraps off. Attach a piece of line to each valve and push it inside the leading edge tube.



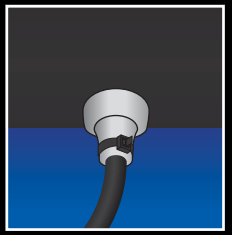
Open the zipper in the center and remove the bladder. Attach the strings to the same valves on the new bladder.



Fold the new bladder nicely in two piles and carefully pull the lines while guiding the bladder into the leading edge tube. Make sure the bladder does not twist.

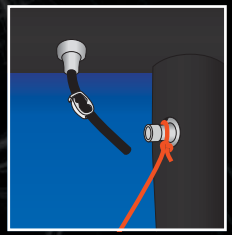


Pull a small amount of bladder out of the end of the tube. Fold the ends of the leading edge tube inwards.

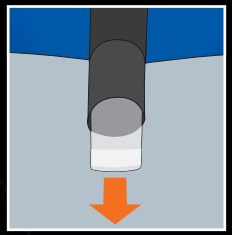


Make sure all valves come out of each hole. Attach the tubes to the valves and secure them with a new tie-wrap. Pump the kite carefully and check if the tube is not twisted and there are no leaks.

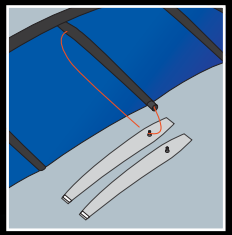
REPLACING YOUR STRUT BLADDER



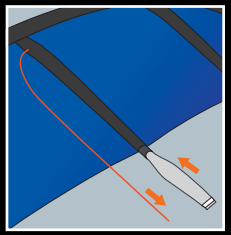
Slide the cover off the valve and carefully cut the tie-wrap off. Attach a piece of line to the valve.



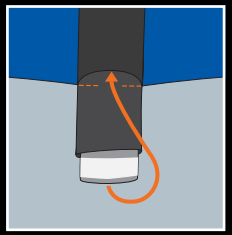
Undo the end of the strut. Slide the bladder out via the bottom of the strut.



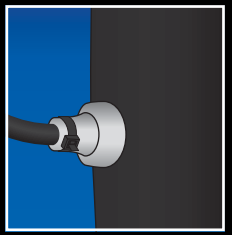
Attach the line to the valve of the new bladder.



Carefully pull the line while guiding the bladder into the strut. Make sure the bladder does not twist.



Pull a small amount of bladder out of the end of the strut. Fold the ends of the strut inwards.



Pull the valve out of the hole, attach the tube to the valve and secure it with a new tie-wrap. Pump the kite carefully and check if the bladder is not twisted and there are no leaks.

WARRANTY

Peter Lynn warrants this product, when it is purchased from an authorized Peter Lynn dealer by a retail customer, to be free of major defects in material or workmanship to the original purchaser, for a period of six (6) months from the date of purchase by the original retail customer. This warranty is subject to the following limitations:

- The warranty is solely for the benefit of the original retail purchaser and may not be assigned. For retail customer warranty claims, proof of purchase from an authorized Peter Lynn dealer is required. If the date of purchase can not be established, Peter Lynn will make a determination based on the last production year and/or the condition of the particular product claimed.
- The warranty on this product is valid only when it is solely used for designated purposes c.q. kiteboarding on water and does not apply to any product used for rental and/or teaching purposes.
- Peter Lynn will make the final warranty determination, which may require inspection and/or photos of the equipment. Photos must clearly show the defect(s). If necessary, this information must be sent to the Peter Lynn dealer where the product was originally purchased, postage prepaid. Alternatively you may contact the Peter Lynn distributor in (or nearest to) your country.
- If a product is deemed to be defective by Peter Lynn, the warranty covers the repair or replacement of the defective product only. Peter Lynn will not be responsible for any costs, losses, or damages incurred as a result of loss of use of this product. This warranty does not cover damage caused by misuse, abuse, neglect or normal wear and tear including, but not limited to, damage due to excessive sun exposure, use in combination with other than Peter Lynn control gear, damage caused by improper handling and storage, damage caused by use in waves or shore break, and damage caused by anything other than defects in material and workmanship.
- The warranty is voided if any unauthorized repair, change or modification has been made to any part of the equipment. The warranty for any repaired or replaced equipment takes effect from the date of the original purchase only.The original purchase receipt must accompany all warranty claims. The name of the Peter Lynn dealer and the date of purchase must be clear and legible.
- There are no warranties which extend beyond the warranty specified herein.

Warranty Claims

Warranty claims must be processed through an authorized Peter Lynn dealer and be issued a return authorization prior to shipping the product concerned. For claims processing please contact the Peter Lynn dealer the product was purchased from or call - or write to - the national Peter Lynn distributor. If there is no Peter Lynn distributor in your country, please find our contact details on our website www.peterlynn.com.

DISCLAIMER – RELEASE OF LIABILITY

Peter Lynn / Vliegerop Ltd - Release of Liability

Caution

Before making any attempt to set up or use this product, you agree to have read and fully understood the entire Peter Lynn LEI user manual; including, but not limited to, all instructions and warnings it contains. You also agree to make sure that any other user of this Peter Lynn product, prior to using it, will also read and fully understand this Peter Lynn LEI user manual; including, but not limited to, all instructions and warnings it contains.

Assumption and acceptance of risk

Kite powered sports can be very dangerous and physically demanding. While powerkiting in its many forms is an exciting and fun sport, it can be highly dangerous for yourself and others around you, especially if the necessary safety precautions are not or only partly taken. The user of this Peter Lynn product should understand that participating in kite powered sports can result in serious personal injury – and even death – to the user as well as to third parties. Before setting up and using this Peter Lynn product you agree to assume and accept any risk of injury, whether known or unknown, to both yourself and any third parties from using this Peter Lynn product. To reduce these risks, we strongly recommend you to stick to the safety precautions listed in this Peter Lynn user manual.

Disclaimer and Release of Liability

Concerning the purchase of this Peter Lynn product by you, you hereby agree, to the greatest extent allowed by law, to waive any claims you have or may have in the future against Peter Lynn and all related entities resulting from using this Peter Lynn product and/or any of its components.

You will also release Peter Lynn and all related entities from any liability for special, indirect, incidental, consequential or exemplary damages, whether in contract, tort, negligence, strict liability or otherwise including, but not limited to, loss of property other than this Peter Lynn product, loss of use of this product, or other property or other economic losses. Peter Lynn shall not be liable for contribution or indemnification, whatever the cause.

All terms and conditions contained herein shall, in the event of your death or incapacity, apply and be binding upon your heirs, next of kin and any other representatives including, but not limited to, administrators and executors. The foregoing provisions regarding liability and warranty are exclusive and in lieu of all other liability- and warranty statements, whether written, oral or implied.

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